NITFS
Compliance Registration

Product: **Controlled Image Base (CIB) Production System Version 1.0**

Date: **29 January 2002**
Expiration: **28 January 2004**

Sponsor: **Raytheon**

Registration #: **335**

Developer: **Raytheon/Orbimage**

- ☑ Initial Registration
- ☐ Supplemental/Update # ___
- ☐ Derived from Reg. # ___

☐ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☑ **Component**
N-0105/98, §4.1.3

Complexity Level

NITF 2.1 CLEVEL

		3		5	6	7
Interpret						
Generate						

NITF 2.0 CLEVEL

	1	2	3	4	5	6	Oth
Interpret							
Generate	▓	▓	▓				

Configurations Tested:
- SGI IRIX 6.4

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format
NITF
- ○ ○ v2.1
- ○ ● v2.0
- ○   v1.1

NSIF
- ○ ○ v1.0

Pixel Value Types
- ○ ○ Boolean
- ○ ● Integer
- ○ ○ Signed Integer *
- ○ ○ IEEE Real *
- ○ ○ IEEE Complex *

Annotation Segment Types
- ○ ○ Bit Mapped **
- ○ ○ CGM, 2301
- ○ ○ CGM, 2301A
- ○ ○ Labels **

Text Segments
- ○ ○ STA
- ○ ○ UT1
- ○ ○ U8S
- ○ ○ MTF

Image Segment Types
- ○ ● MONO
- ○ ○ RGB
- ○ ○ RGB/LUT
- ○ ○ YCbCr
- ○ ○ MULTI
- ○ ○ NODSPLY
- ○ ○ POLAR

Image Compression
- ○ ○ Not Compressed
- ○ ○ JPEG Lossy, 8-bit
- ○ ○ JPEG Lossy, 12-bit
- ○ ○ JPEG Downsample
- ○ ○ JPEG Lossless
- ○ ○ JPEG 2000
- ○ ○ Bi-Level
- ○ ● Vector Quantization
- ○ ○ Multispectral JPEG, Individual Band

Data Extension Segments
- ○ ○ TRE_OVERFLOW
- ○ ○ STREAMING_FILE_HEADER
- ○ ○ Controlled Extensions **
- ○ ● Registered Extensions **

Tagged Record Extensions
- ○ ● RPF Extensions

STEVE E. BRIDGES, Division Chief
Joint Interoperability Test Command
Executive Agent to National Imagery & Mapping Agency
for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.